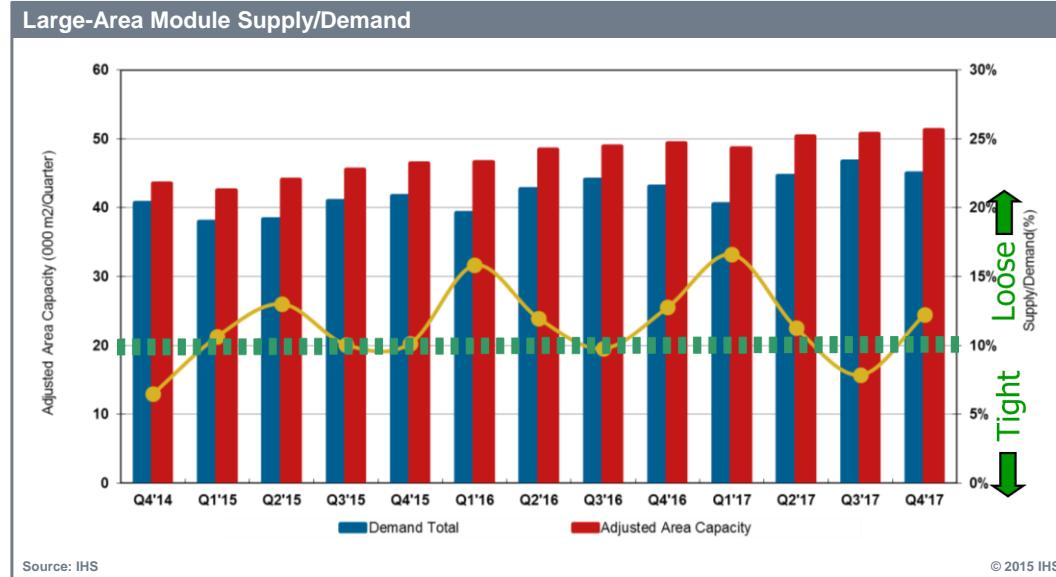


Charles Annis, Director

The Display Supply Demand & Equipment Tracker is a comprehensive guide to fab activity, capacity, utilization, supply/demand, capital spending, financial information, and relevant news analysis for the entire FPD supply chain.

With quarterly coverage of all industry participants and key analytical metrics, this tracker delivers the most current and complete view of both the supply and demand sides of the industry.



In the highly dynamic FPD industry, it is critical for all supply chain companies and those that track them to stay up-to-date on rapidly evolving factory investment plans and market developments. The information and data included in the quarterly Display Supply Demand & Equipment Tracker provides subscribers with current analysis and insights, and enables clients to model the outlook for their own specific business needs.

Key issues addressed

- Who is investing, when will the investments take place, in what technologies?
- What changed and why since the previous forecast?
- What companies and regions have how much capacity?
- Is the market over or under supplied and which way is it trending?
- Supply/demand by specific panel sizes and applications
- How does the oversupply/undersupply affect panel pricing, new investments and equipment spending?
- What are utilization trends by different makers and fabs?
- How many of what manufacturing tools will be purchased throughout the forecast period?
- How are economic and price trends affecting FPD makers' profitability?

Applicable to

- Strategy and planning
 - Panel makers
 - Materials and components makers
 - Equipment companies
- Display application set makers
 - Brands
 - OEM, ODM and EMS companies
- Financial industry
 - Fund managers and securities firms
 - Financial analysts interested in FPDs

Market Coverage

- Worldwide
- Smartphone, tablet, notebooks, monitors, TVs, public displays, and other applications.
- a-Si, LTPS, Oxide, TFT LCD, AMOLED, and other technologies

Actuals and Forecast

Frequency, time period

- Quarterly report
- Historic data back to 2000
- Quarterly forecasts: 11-15 quarters
- Annual forecasts: 4-5 year forecasts

Report format

- Excel data base that includes a wide range of pivot tables and reference sheets
- PowerPoint of analysis

Metrics

- For TFT, color filter and AMOLED plants, capacity by substrates per month and m² by country, manufacturer, factory, phase, mother glass size, technology, process type, probability, equipment purchase order, install, production, shutdown and depreciation dates
- Small/medium and large-area capacity allocation by factory
- TFT utilization by country, maker, factory, region, mother glass size, and technology
 - Monthly data
 - Historic and one quarter forecast
 - LCD module capacity
 - Demand summary in units and m² by application and size
 - Supply/demand analysis for large-area and small/medium applications
 - For large-area modelled by capacity, input, application, and size
 - Panelization
 - Equipment units, revenue for TFT, AMOLED and other processes by year, region, mother glass size, and technology
 - FPD maker financials by revenue, operating and net profits

Lead Analyst

Charles Annis, Director

Annis joined IHS in 2014, when IHS acquired DisplaySearch and Solarbuzz, leading providers of display and solar market intelligence.

Mr. Annis is a leading expert in flat panel display research and served in a dual role as vice president of manufacturing research at DisplaySearch as well as at its sister company of Solarbuzz. Located in Japan, he is responsible for analyzing emerging technologies, tracking and forecasting flat panel display investments and supply/demand analysis, as well as researching equipment, materials and process trends. Annis has worked in the FPD and semiconductor industries since 1995.

About IHS

IHS (NYSE: IHS) is the leading source of information, insight and analytics in critical areas that shape today's business landscape. Businesses and governments in more than 165 countries around the globe rely on the comprehensive content, expert independent analysis and flexible delivery methods of IHS to make high-impact decisions and develop strategies with speed and confidence. IHS has been in business since 1959 and became a publicly traded company on the New York Stock Exchange in 2005. Headquartered in Englewood, Colorado, USA, IHS is committed to sustainable, profitable growth and employs 8,000 people in 31 countries around the world.

Table of contents for PowerPoint report

- Overview
 - Key findings
 - Report changes
- Executive summary
- News & other analysis
- Fab activity
 - TFT
 - Color filter
 - AMOLED
 - For TFT, color filter, and AMOLED
 - Current quarter vs. Previous quarter demand and capacity forecasts
 - Fab activity
 - Changes vs. Previous quarter, fab status and other relevant discussion
- TFT led supply/demand & fab utilization
 - Capacity analysis
 - Demand analysis
 - Supply/demand analysis
 - Large area by capacity, production, applications and size
 - Small/medium by capacity
- Fab utilization
- Inventory
- Equipment spending
 - Process
 - Technology
 - Region
 - Mother glass size
- Financial analysis
 - Macroeconomic trends
 - Panel price trends
 - Panel maker profitability
 - Large-area TFT LCD panel profit margin forecast
- Methodology